

WHAT IS CLAIMED IS:

1. A magnetron cathode assembly comprising:

a sealing metal plate including a terminal fitting hole into which a leading end of an external terminal is fitted, and
5 a lead fitting hole into which a leading end of a cathode terminal lead wire is fitted; and

a stem insulator which is joined to the sealing metal plate to electrically connect to said external terminal and said cathode terminal lead wire,

10 wherein said external terminal has a non-circular section by providing a flat surface in at least a part on its peripheral surface; and

a stop edge that fits to said flat surface thereby to carry out stopping of turn of said external terminal is provided for
15 said terminal fitting hole.

2. The magnetron cathode assembly according to Claim 1, wherein the flat surface of said external terminal that comes into contact with the stop edge of said terminal fitting hole
20 is formed into a slant surface in which the contact strengthens more as fitting into the terminal fitting hole becomes deeper.